

## ABSTRACT OF THE DISCLOSURE

A splicing system includes a splicer for seamlessly splicing together digitally encoded data streams. In a preferred embodiment, the splicer preferably parses successive splice buffers of data stream data for a splice-out point and a splice-in point, closing an initial <sup>Group of Pictures GOP</sup> GOP if needed. The preferred splicer further finds a new data stream real-time <sup>Program Clock Reference PCR</sup> PCR value for aligning new data stream decode/presentation, and aligns the new data stream start time. Concurrently, the splicer preferably uses a frame table to detect overflow and corrects such overflow by adding null packets, thereby delaying portions of data stream data. The splicer also preferably restores data stream encoding by deleting null packets, and thereby accelerating a portion of data stream data. In a further preferred embodiment, the splicer preferably uses a bit-clock schedule offset to delay or accelerate portions of data stream data.